

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR02/02329

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 A63C 5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 A63C 5/00-17/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

KR, JP : Classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR20-220530Y(Lee Du Heong) 02 FEBRUARY 2001 See the whole document	1-3
Y	KR20-0210571Y (Choi chung duk) 06 NOVEMBER 2000 See the whole document	1-3
Y	JP60-149673 U (KAWAHAN SHONKEN) 4 OCTOBER 1985 See the whole document	1-3
A	JP05-177027 A(TAKAHASHI TOSHIKO)20 JULY 1993 See the whole document	1-3

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

12 MARCH 2003 (12.03.2003)

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